

Attorney Docket No. 980110D/TL

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s): Masashi SHIRAISHI et al

Division of
Serial No. : 09/033,789, filed on
March 3, 1998

Filed : Concurrently herewith

For : MAGNETIC HEAD DEVICE

Prior
Art Unit : 2754

Prior
Examiner : R. Tupper

Express Mail Mailing Label
No.: EL 396 046 659 US

Date of Deposit: February 17, 2000
I hereby certify that this paper is being
deposited with the United States Postal
Service "Express Mail Post Office to
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date indicated above and is addressed to the
Assistant Commissioner for Patents,
Washington, D.C. 20231

S. Dianne Franklin
S. Dianne Franklin

In the event that this Paper is late filed,
and the necessary petition for extension of
time is not filed concurrently herewith,
please consider this as a Petition for the
requisite extension of time, and to the extent
not tendered by check attached hereto,
authorization to charge the extension fee, or
any other fee required in connection with this
Paper, to Account No. 06-1378.

INFORMATION DISCLOSURE STATEMENT

S I R :

Submitted herewith are

1. Copy of Form PTO-892 issued by the Examiner in said parent application;
2. Copies of Form PTO-1449 submitted by applicant in parent application; and
3. Form PTO-1449 listing the particulars of the documents cited by the Applicant and Examiner in said parent application, and which were made "of record" in said parent application.

Copies of the publications listed on the attached form PTO-1449 are not supplied herewith. As per 37 CFR 1.98(d), which was effective March 16, 1992, copies of publications listed in an Information Disclosure Statement are not required to be provided if the information was cited or submitted in a prior application. The present application properly identifies prior parent application Serial No. 09/033,789 and relies upon said prior parent application for an earlier filing date under 35 USC 120.

It is respectfully requested that the Examiner consider the publications identified on the attached form PTO-1449 submitted herewith and make them of record, as in the parent application.

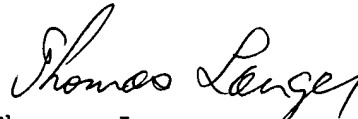
It is further requested that the Examiner return an initialled copy of the attached form PTO-1449 to confirm that the publications listed therein have been made of record.

The references are all relevant since they are "of record" in the parent application which is directed to similar subject matter.

It is respectfully requested that prosecution on the merits now proceed on the basis of the application as amended herewith.

If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Respectfully submitted,

A handwritten signature in cursive script that reads "Thomas Langer".

Thomas Langer
Reg. No. 27,264

Dated: February 17, 2000

Frishauf, Holtz, Goodman, Langer & Chick, P.C.
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Notice of References Cited

Application No.
09/033,789

Applicant(s)
Shiraishi et al

Examiner
R. S. Tupper

Group Art Unit
2754

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U.S. PATENT DOCUMENTS

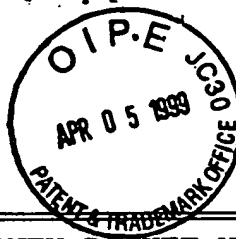
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,085,271	11/12/91	Matsuura et al	360	104
B	5,055,969	10/8/91	Putnam	360	104
C					
D					
E					
F					
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J					
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U		
V		
W		
X		



SHEET 1 of 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO - 1449	ATTORNEY DOCKET NO. 980110/TL	SERIAL NUMBER 09/033,789
	APPLICANT: Masashi SHIRAISHI et al	
	FILED: March 3, 1998	ART UNIT: 2754

U. S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	Class	Sub	

FOREIGN PATENT DOCUMENTS

RECEIVED

	DOCUMENT NUMBER	DATE	COUNTRY	Class	Translation	
					YES	NO
					Group 2700	
RST	3-25717	02/1991	Japan		X*	
	3-71493	07/1991	Japan			X
	3-85641	08/1991	Japan			X
	5-109002	04/1993	Japan		X*	
	5-55572	07/1993	Japan			X
	6-140466	05/1994	Japan		X*	
RST	6-195668	07/1994	Japan		X*	
*English Abstract Only						

OTHER DOCUMENTS (Author, Title, Date, Pages, Publication, etc.)

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EXAMINER: R. Tupper

DATE CONSIDERED:

R.S. Tupper

9/99

April 5, 1999



SHEET 1 of 1

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
PTO - 1449

ATTORNEY DOCKET NO.
980110/TL

SERIAL NUMBER
09/033,789

APPLICANT: Masashi SHIRAISHI et al

FILED: March 3, 1998

ART UNIT: 2754

U. S. PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	NAME	Class	Sub
5,199,190	03/1993	BELL	38	31

MAR 05 1999

Group 2700

RECEIVED

MAR 05 1999

Group 2700

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	Class	Sub	Translation YES NO

OTHER DOCUMENTS (Author, Title, Date, Pages, Publication, etc.)

PATENT ABSTRACTS OF JAPAN, Vol. 15, No. 305 (P-1234),
5 August, 1991, JP-03-108120 A (Mitsubishi Electric Corp.)

EXAMINER: R S. [Signature]

DATE CONSIDERED: 4/29